

**IOWA DEPARTMENT OF NATURAL RESOURCES**  
**Flood Plain Management Program**

**Flood Plain / Environmental Clearance Requests for  
Wastewater and Water Supply Treatment Facilities**

**In order for a review of your flood plain / environmental clearance request to be initiated, it will be necessary for you to submit the items listed below:**

- \_\_\_\_\_ A cover letter describing the proposed project in detail.
- \_\_\_\_\_ Legal description of the project site i.e., (¼), (¼), Section, Township and Range.
- \_\_\_\_\_ An aerial photo showing the location of the proposed project.
- \_\_\_\_\_ Indicate if the project is within the corporate limits.
- \_\_\_\_\_ A to-scale site plan showing the existing and proposed WW or WS Treatment Facility, access roads, stream, roads, areas of fill, property lines and other pertinent features.
- \_\_\_\_\_ Information regarding any proposed changes to existing dike / berm at the facility.
- \_\_\_\_\_ If possible, FEMA published flood map (if available for the site) overlaid on the site plans to identify the location of the project relative to the flood plain/floodway.

**Please note that the Department may need additional information to process the request. After screening the initial submittal, we may request the information noted below.**

- \_\_\_\_\_ A surveyed elevation of the lowest natural ground within the footprint of the proposed project.
- \_\_\_\_\_ A surveyed stream valley cross-section taken at or near the project site. The cross section should represent typical flood plain conditions and should be taken perpendicular to the direction of flow. Include a site map showing the actual location of the cross-section. It is desirable for the survey to be based on National Geodetic Vertical Datum. The survey must be certified by a professional engineer or land surveyor licensed in the State of Iowa.
- \_\_\_\_\_ A site-specific stream slope based on at least two survey shots taken on the water surface at least 500 feet apart.

**Depending on the circumstances, additional information may also be required.**